

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* STN Columbus \* \* \* \* \* \* \* \* \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:04:01 ON 11 JAN 2005

=> file reg	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:04:09 ON 11 JAN 2005  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 9 JAN 2005 HIGHEST RN 810659-29-1  
DICTIONARY FILE UPDATES: 9 JAN 2005 HIGHEST RN 810659-29-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

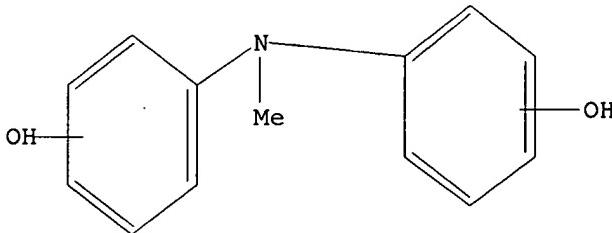
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>  
Uploading C:\STNEXP4\09826287.str

L1 STRUCTURE UPLOADED

=> d  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11  
SAMPLE SEARCH INITIATED 12:04:25 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 6268 TO ITERATE

16.0% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

6 ANSWERS

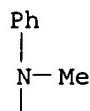
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 120614 TO 130106  
PROJECTED ANSWERS: 385 TO 1119

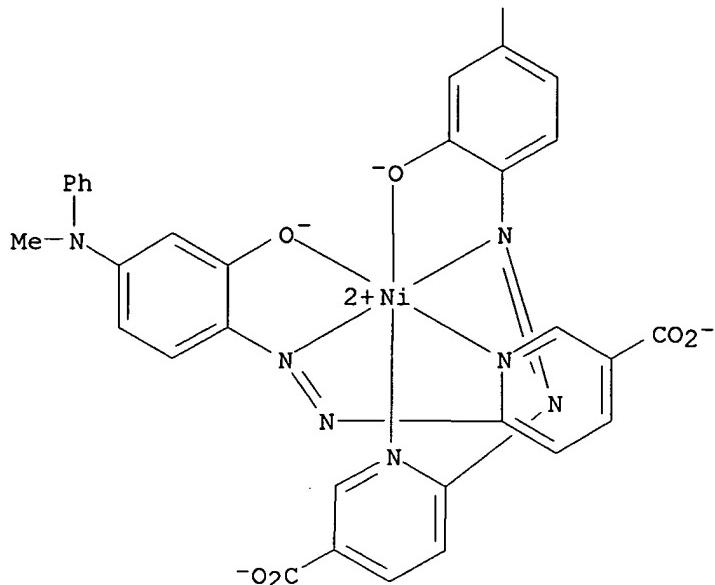
L2 6 SEA SSS SAM L1

=> d

L2 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 774173-65-8 REGISTRY  
CN Nickelate(2-), bis[6-[[2-(hydroxy- $\kappa$ O)-4-(methylphenylamino)phenyl]azo- $\kappa$ N2]-3-pyridinecarboxylato(2-)- $\kappa$ N1]- (9CI) (CA INDEX NAME)  
MF C38 H28 N8 Ni O6  
CI CCS, COM  
SR CA

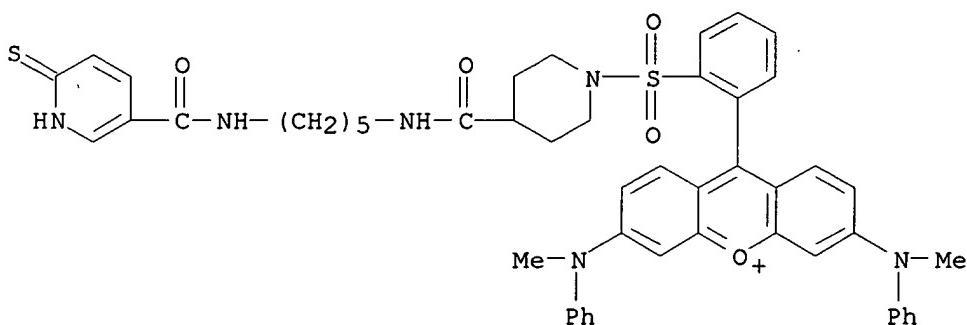
PAGE 1-A





=> d 12 2-6

L2 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 769118-35-6 REGISTRY  
 CN Xanthylium, 9-[2-[[4-[[[5-[[[(1,6-dihydro-6-thioxo-3-pyridinyl)carbonyl]amino]pentyl]amino]carbonyl]-1-piperidinyl]sulfonyl]phenyl]-3,6-bis(methylphenylamino)- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C50 H51 N6 O5 S2  
 CI COM  
 SR CA



L2 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 477558-59-1 REGISTRY  
 CN  $\beta$ -Alaninamide, N-[3(or 4)-[3,6-bis[(trifluoroacetyl)amino]xanthylum-9-yl]-4(or 3)-carboxybenzoyl]glycylglycyl-D-phenylalanyl-L-leucyl-L-arginyl-L-arginyl-L-valyl-S-[1-[5-[[2-[3,6-bis(methylphenylamino)xanthylum-9-yl]phenyl]sulfonyl]amino]pentyl]-2,5-dioxo-3-pyrrolidinyl-L-cysteinyl- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 22: PN: US20020177689 PAGE: 46 claimed sequence

FS PROTEIN SEQUENCE  
MF C109 H121 F6 N22 O20 S2

CI IDS  
SR CA

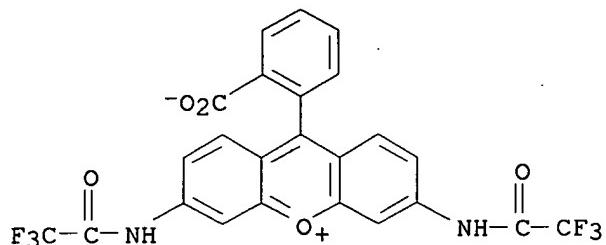
LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

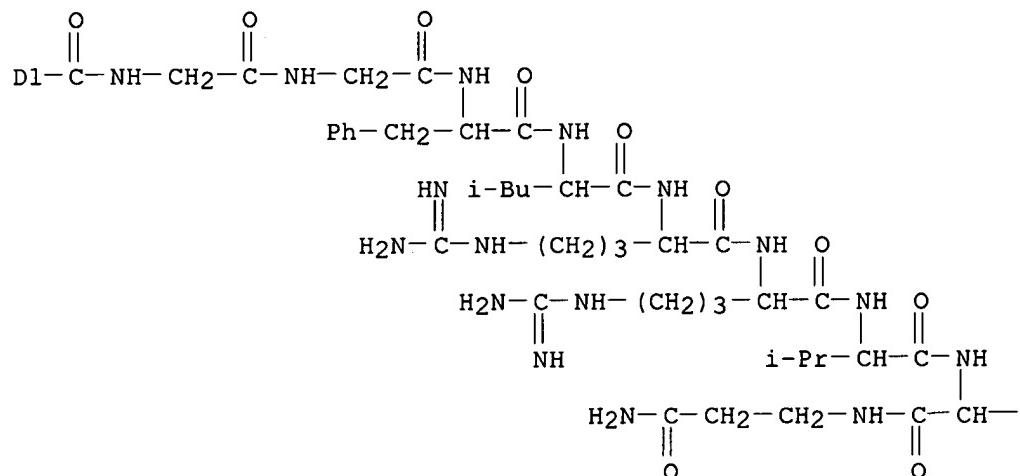
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)

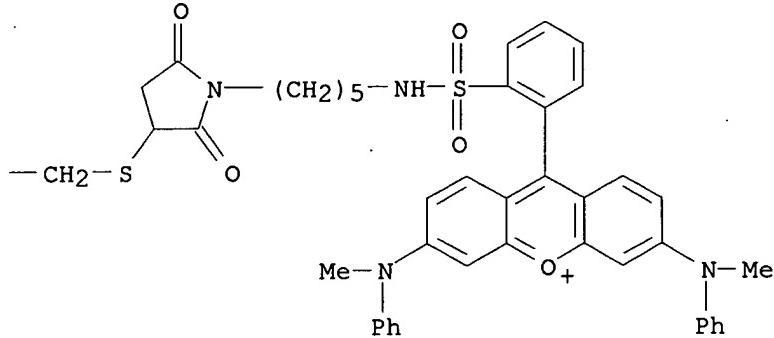
\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

PAGE 1-A



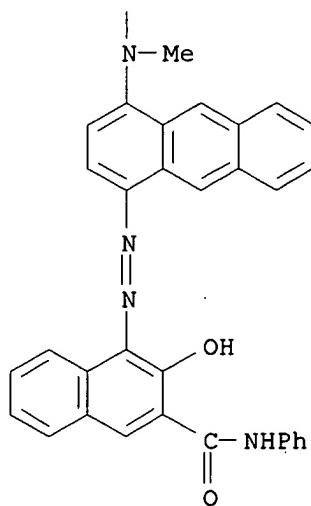
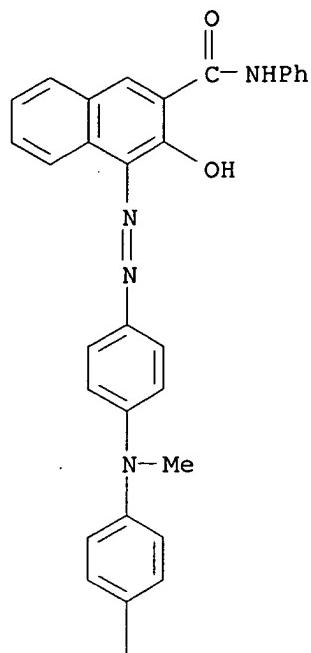
PAGE 2-A





1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 107790-34-1 REGISTRY  
CN 2-Naphthalenecarboxamide, 3-hydroxy-4-[[4-[[4-[[4-[[2-hydroxy-3-(phenylamino)carbonyl]-1-naphthalenyl]azo]-1-anthracenyl]methylamino]phenyl]methylamino]phenyl]azo]-N-phenyl- (9CI)  
(CA INDEX NAME)  
MF C62 H46 N8 O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: USES (Uses)



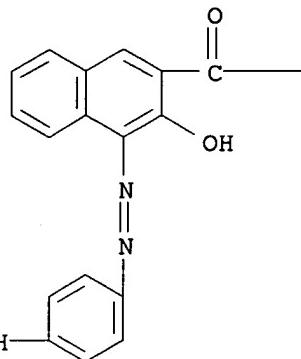
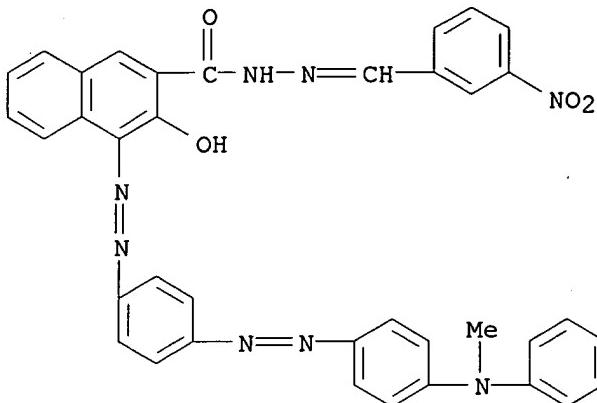
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

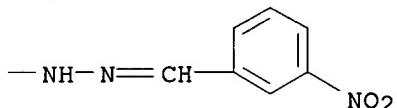
L2 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 107789-56-0 REGISTRY  
 CN 2-Naphthalenecarboxylic acid, 3-hydroxy-4-[(4-[(4-[(2-[(3-nitrophenyl)methylene]hydrazino]carbonyl)-1-naphthalenyl]azo)phenyl]azo)phenyl]methylamino]phenyl]ethenyl]phenyl]azo-[(3-nitrophenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

MF C63 H45 N13 O8  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: USES (Uses)

PAGE 1-A



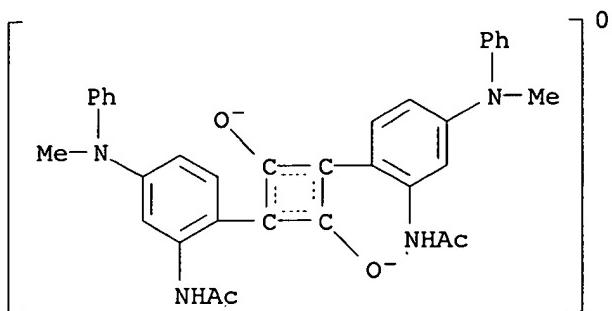
PAGE 1-B



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 100578-88-9 REGISTRY  
CN Cyclobutenediylium, 1,3-bis[2-(acetylamino)-4-(methylphenylamino)phenyl]-  
2,4-dihydroxy-, bis(inner salt) (9CI) (CA INDEX NAME)  
MF C34 H30 N4 O4  
CI CCS  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation)

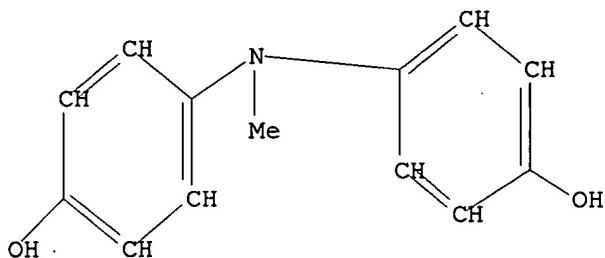


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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Uploading C:\STNEXP4\9826287.str

L3 STRUCTURE UPLOADED

=> d  
L3 HAS NO ANSWERS  
L3 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 1234 TO ITERATE

81.0% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
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PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s 13 ful  
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FULL SCREEN SEARCH COMPLETED - 24605 TO ITERATE

100.0% PROCESSED 24605 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L5

O SEA SSS FUL L3

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* STN Columbus \* \* \* \* \* \* \* \* \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:08:59 ON 11 JAN 2005

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COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		0.21	0.21

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USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 9 JAN 2005 HIGHEST RN 810659-29-1  
DICTIONARY FILE UPDATES: 9 JAN 2005 HIGHEST RN 810659-29-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

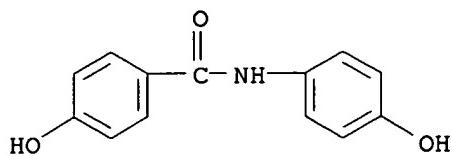
=> s 89933-16-4  
L1 1 89933-16-4  
(89933-16-4/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
RN **89933-16-4** REGISTRY  
CN Octanedioyl dichloride, polymer with bis(4-hydroxyphenyl)methanone and  
4-hydroxy-N-(4-hydroxyphenyl)benzamide (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzamide, 4-hydroxy-N-(4-hydroxyphenyl)-, polymer with  
bis(4-hydroxyphenyl)methanone and octanedioyl dichloride (9CI)  
CN Methanone, bis(4-hydroxyphenyl)-, polymer with 4-hydroxy-N-(4-  
hydroxyphenyl)benzamide and octanedioyl dichloride (9CI)  
MF (C13 H11 N O3 . C13 H10 O3 . C8 H12 C12 O2)x  
CI PMS  
PCT Polyamide, Polyester, Polyester formed, Polyketone  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties)

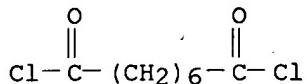
CM 1

CRN 22744-42-9  
CMF C13 H11 N O3



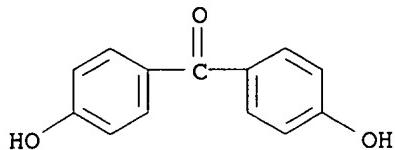
CM 2

CRN 10027-07-3  
 CMF C8 H12 Cl2 O2



CM 3

CRN 611-99-4  
 CMF C13 H10 O3



2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

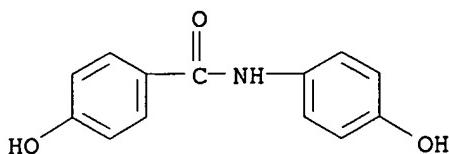
=> s 142113-48-2  
 L2 1 142113-48-2  
 (142113-48-2/RN)

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN **142113-48-2** REGISTRY  
 CN Benzamide, 4-hydroxy-N-(4-hydroxyphenyl)-, polymer with  
 (chloromethyl)oxirane (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Oxirane, (chloromethyl)-, polymer with 4-hydroxy-N-(4-  
 hydroxyphenyl)benzamide (9CI)  
 MF (C13 H11 N O3 . C3 H5 Cl O)x  
 CI PMS  
 PCT Epoxy resin, Polyamide  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: PREP (Preparation); PROC (Process)

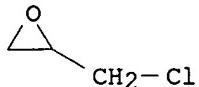
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CRN 22744-42-9  
 CMF C13 H11 N O3



CM 2

CRN 106-89-8  
CMF C3 H5 Cl O

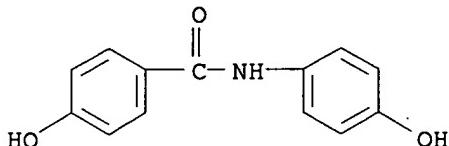


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 22744-42-9  
L3 1 22744-42-9  
(22744-42-9/RN)

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
RN **22744-42-9** REGISTRY  
CN Benzamide, 4-hydroxy-N-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzanilide, 4,4'-dihydroxy- (8CI)  
OTHER NAMES:  
CN 4,4'-Dihydroxybenzanilide  
CN 4-Hydroxy-N-(4-hydroxyphenyl)benzamide  
FS 3D CONCORD  
MF C13 H11 N O3  
CI COM  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, TOXCENTER,  
USPATFULL  
(\*File contains numerically searchable property data)  
DT.CA CAplus document type: Journal; Patent  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC  
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation);  
PROC (Process); PRP (Properties); RACT (Reactant or reagent)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

26 REFERENCES IN FILE CA (1907 TO DATE)  
26 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	6.38	6.59

FILE 'CAPLUS' ENTERED AT 12:10:36 ON 11 JAN 2005  
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FILE COVERS 1907 - 11 Jan 2005 VOL 142 ISS 3  
FILE LAST UPDATED: 10 Jan 2005 (20050110/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13  
L4 26 L3

=> d 14 1-26

L4 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:989487 CAPLUS  
DN 140:423441  
TI Novel synthesis of N-substituted p-hydroxybenzoic amides on soluble polymer-support  
AU Hu, Chun-ling; Chen, Zu-xing; Yang, Gui-chun  
CS Faculty of Chemistry and Material Science, Hubei University, Hubei, 430062, Peop. Rep. China  
SO Chinese Journal of Chemistry (2003), 21(11), 1494-1496  
CODEN: CJOCEV; ISSN: 1001-604X  
PB Science Press  
DT Journal  
LA English  
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:771692 CAPLUS  
DN 139:273262  
TI Method for screening potential receptor-binding substance  
IN Kato, Noriko  
PA Olympus Optical Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 13 pp.  
CODEN: JKXXAF  
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003279566	A2	20031002	JP 2002-79634	20020320
	WO 2004095028	A1	20041104	WO 2003-JP5188	20030423
	W: CN, US				
	RW: DE, FR, GB				
PRAI	JP 2002-79634	A	20020320		

L4 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:31456 CAPLUS

DN 134:100645

TI Preparation of phenyl sulfamate derivatives as steroid sulfatase inhibitors

IN Koizumi, Naoyuki; Okada, Makoto; Iwashita, Shigeki; Takegawa, Shigehiro;

Nakagawa, Takayoshi; Takahashi, Hiroo; Fujii, Tomohito

PA Teikoku Hormone Mfg. Co., Ltd., Japan

SO PCT Int. Appl., 85 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002349	A1	20010111	WO 2000-JP4427	20000704
	W: AU, CA, CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 2002293768	A2	20021009	JP 1999-191632	19990706
	CA 2377803	AA	20010111	CA 2000-2377803	20000704
	EP 1193250	A1	20020403	EP 2000-940936	20000704
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AU 774806	B2	20040708	AU 2000-55729	20000704
	US 6762205	B1	20040713	US 2002-19693	20020103
PRAI	JP 1999-191632	A	19990706		
	WO 2000-JP4427	W	20000704		
OS	MARPAT 134:100645				

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:9103 CAPLUS

DN 134:187787

TI Discovering high-affinity ligands from the computationally predicted structures and affinities of small molecules bound to a target: a virtual screening approach

AU Marrone, Tami J.; Luty, Brock A.; Rose, Peter W.

CS Agouron Pharmaceuticals, Inc., A Warner Lambert Company, San Diego, CA, 92121-1111, USA

SO Perspectives in Drug Discovery and Design (2000), 20, 209-230

CODEN: PDDDEC; ISSN: 0928-2866

PB Kluwer Academic Publishers

DT Journal

LA English

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1998:438168 CAPLUS

DN 129:140677

TI external compns. containing body fluid function ameliorators or promoters for therapeutic use  
 IN Kosuga, Masaki; Kosuga, Takuo; Ando, Nobuhiro; Muramatsu, Nobue; Kawai, Mitsuo  
 PA Doctor's Cosmetics Y. K., Japan; Pola Chemical Industries, Inc.  
 SO Jpn. Kokai Tokkyo Koho, 13 pp.  
 CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10175854	A2	19980630	JP 1997-260528	19970925
PRAI	JP 1996-276659		19961018		
OS	MARPAT 129:140677				

L4 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1998:438167 CAPLUS

DN 129:140676

TI Oral compositions containing body fluid function ameliorators for therapeutic use

IN Kosuga, Masaki; Kosuga, Takao; Fukushima, Makoto; Inaoka, Yasunori; Okuta, Takehiro

PA Doctors Cosmetics Y. K., Japan; Pola Chemical Industries, Inc.

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10175852	A2	19980630	JP 1997-260527	19970925
PRAI	JP 1996-272728		19961015		
OS	MARPAT 129:140676				

L4 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:448091 CAPLUS

DN 127:60605

TI Use of nuclear magnetic resonance to design ligands to target biomolecules

IN Fesik, Stephen W.; Hajduk, Philip J.; Olejniczak, Edward T.

PA Abbott Laboratories, USA

SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9718469	A2	19970522	WO 1996-US18312	19961113
	WO 9718469	A3	19970807		
	W: AU, CA, IL, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5891643	A	19990406	US 1995-558633	19951114
	CA 2237336	AA	19970522	CA 1996-2237336	19961113
	AU 9676804	A1	19970605	AU 1996-76804	19961113
	AU 711092	B2	19991007		
	EP 870197	A2	19981014	EP 1996-939709	19961113
	EP 870197	B1	20010530		
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 2002510384	T2	20020402	JP 1997-519086	19961113
	JP 3300366	B2	20020708		
	GR 3036454	T3	20011130	GR 2001-401304	20010827

PRAI US 1995-558633 A 19951114  
US 1996-678903 A 19960712  
US 1996-744701 A 19961031  
WO 1996-US18312 W 19961113

L4 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1996:548008 CAPLUS  
DN 125:177024  
TI Skin cosmetics containing benzanilides  
IN Murase, Takatoshi; Hase, Tadashi; Takema, Yoshinori; Ogawa, Ayumi; Oosu, Hiroyuki; Tokimitsu, Ichiro  
PA Kao Corp, Japan  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 08175959	A2	19960709	JP 1994-325340	19941227
PRAI JP 1994-325340		19941227		
OS MARPAT 125:177024				

L4 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1996:259591 CAPLUS  
DN 124:290429  
TI Poly(hydroxy amide ethers): New High-Barrier Thermoplastics  
AU Brennan, David J.; White, Jerry E.; Haag, Anthony P.; Kram, Shari L.; Mang, Michael N.; Pikulin, Steven; Brown, Charles N.  
CS Materials Research and Development Laboratory, Dow Chemical Company, Midland, MI, 48674, USA  
SO Macromolecules (1996), 29(11), 3707-16  
CODEN: MAMOBX; ISSN: 0024-9297  
PB American Chemical Society  
DT Journal  
LA English

L4 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1996:138138 CAPLUS  
DN 124:194306  
TI Cell adhesion inhibitors, inflammation inhibitors, immunosuppressants, and metastasis inhibitors containing 4-hydroxybenzanilides  
IN Hase, Tadashi; Murase, Takatoshi; Suzuki, Yasuto; Hori, Kimihiko; Yada, Yukihiko; Imokawa, Genji  
PA Kao Corp, Japan  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 07330595	A2	19951219	JP 1994-126278	19940608
PRAI JP 1994-126278		19940608		
OS MARPAT 124:194306				

L4 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1995:750550 CAPLUS  
DN 123:145614  
TI Curable mixtures of mesogenic epoxy resins and mesogenic polyamines and cured compositions  
IN Earls, Jimmy D.; Hefner, Robert E., Jr.; Puckett, Paul M.

PA Dow Chemical Co., USA  
SO U.S., 34 pp. Cont.-in-part of U.S. 5,218,062.  
CODEN: USXXAM

DT Patent  
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5391651	A	19950221	US 1993-164096	19931208
	US 5218062	A	19930608	US 1992-906081	19920629
PRAI	US 1990-562182	B2	19900803		
	US 1992-906081	A2	19920629		

L4 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1995:742615 CAPLUS

DN 123:113946

TI Bisbenzocyclobutene thermosetting compound and its preparation  
IN Brennan, David J.; White, Jerry E.; Scheck, Daniel M.; Kirchhoff, Robert  
A.; Hotz, Charles Z.

PA Dow Chemical Co., USA  
SO U.S., 18 pp.

CODEN: USXXAM

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5391650	A	19950221	US 1992-998495	19921230
PRAI	US 1992-998495		19921230		
OS	MARPAT 123:113946				

L4 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1995:675122 CAPLUS

DN 123:258674

TI Rodlike mesogenic thiirane resins (polythiiranes)  
IN Hefner, Robert E., Jr.; Earls, Jimmy D.

PA Dow Chemical Co., USA  
SO U.S., 19 pp. Cont.-in-part of U.S. Ser. No. 77,481, abandoned.  
CODEN: USXXAM

DT Patent  
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5424393	A	19950613	US 1994-296046	19940824
	US 5182340	A	19930126	US 1990-594243	19901009
	US 5248740	A	19930928	US 1992-975173	19921112
PRAI	US 1990-594243	A3	19901009		
	US 1992-975173	A3	19921112		
	US 1993-77481	B2	19930614		

L4 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1995:261307 CAPLUS

DN 122:292307

TI Thermoplastic resins from polyglycidyl esters containing mesogenic  
moieties for enhanced mechanical properties

IN Hefner, Robert E., Jr.; Earls, Jimmy D.  
PA Dow Chemical Co., USA

SO U.S., 23 pp. Cont.-in-part of U.S. Ser. No. 905,592, abandoned.  
CODEN: USXXAM

DT Patent  
LA English

## FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5364912	A	19941115	US 1993-107267	19930816
PRAI	US 1993-107267	B2	19930816		
	US 1990-582048	B2	19900913		
	US 1992-905592		19920626		

L4 ANSWER 15 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1994:558860 CAPLUS

DN 121:158860

TI Curable mixtures of mesogenic epoxy resins and mesogenic polyamines and cured compositions

IN Earls, Jimmy D.; Hefner, Robert E., Jr.; Puckett, Paul M.

PA Dow Chemical Co., USA

SO U.S., 33 pp. Cont.-in-part of U.S. 5,218,062.

CODEN: USXXAM

DT Patent

LA English

## FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5296570	A	19940322	US 1993-69910	19930601
	US 5218062	A	19930608	US 1992-906081	19920629
PRAI	US 1990-562182	B2	19900803		
	US 1992-906081	A2	19920629		

L4 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1994:458771 CAPLUS

DN 121:58771

TI Mesogenic phenoxy resin compositions

IN Earls, Jimmy D.; Hefner, Robert E., Jr.; Puckett, Paul M.

PA Dow Chemical Co., USA

SO U.S., 35 pp. Cont.-in-part of U.S. Ser. No. 616,538, abandoned.

CODEN: USXXAM

DT Patent

LA English

## FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5292831	A	19940308	US 1992-919677	19920727
	US 5266660	A	19931130	US 1992-916293	19920717
	US 5270404	A	19931214	US 1992-916305	19920717
PRAI	US 1989-298431	B2	19890117		
	US 1990-553492	B2	19900713		
	US 1990-616538	B2	19901121		
	US 1990-553491	B2	19900713		

L4 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:427992 CAPLUS

DN 117:27992

TI Curable mixture of mesogenic epoxy resins and mesogenic polyamines and cured compositions

IN Earls, Jimmy D.; Hefner, Robert E., Jr.; Puckett, Paul M.

PA Dow Chemical Co., USA

SO Eur. Pat. Appl., 88 pp.

CODEN: EPXXDW

DT Patent

LA English

## FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 473935	A2	19920311	EP 1991-112654	19910727
	EP 473935	A3	19920909		
	R: AT, BE, CH, DE, FR, GB, IT, LI				
	CA 2048377	AA	19920204	CA 1991-2048377	19910802
	BR 9103407	A	19920505	BR 1991-3407	19910802
	JP 04233934	A2	19920821	JP 1991-194425	19910802
	US 5227452	A	19930713	US 1992-906088	19920629
PRAI	US 1990-562182	A	19900803		

L4 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:427915 CAPLUS

DN 117:27915

TI Mesogenic glycidyl esters

IN Hefner, Robert E., Jr.; Earls, Jimmy D.

PA Dow Chemical Co., USA

SO Eur. Pat. Appl., 56 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 475238	A2	19920318	EP 1991-114803	19910903
	EP 475238	A3	19940525		
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
	CA 2051241	AA	19920314	CA 1991-2051241	19910912
	NO 9103609	A	19920316	NO 1991-3609	19910912
	AU 9183810	A1	19920319	AU 1991-83810	19910912
	AU 641803	B2	19930930		
	ZA 9107271	A	19930312	ZA 1991-7271	19910912
	JP 04279624	A2	19921005	JP 1991-235107	19910913
PRAI	US 1990-582048	A	19900913		

L4 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:493211 CAPLUS

DN 115:93211

TI Mesogenic polycyanates and thermosets thereof

IN Hefner, Robert E., Jr.; Earls, Jimmy D.; Puckett, Paul M.

PA Dow Chemical Co., USA

SO Eur. Pat. Appl., 78 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 409069	A2	19910123	EP 1990-113296	19900712
	EP 409069	A3	19920422		
	EP 409069	B1	19990602		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	AT 180771	E	19990615	AT 1990-113296	19900712
	ES 2132061	T3	19990816	ES 1990-113296	19900712
	CA 2021280	AA	19910118	CA 1990-2021280	19900716
	AU 9058998	A1	19910131	AU 1990-58998	19900716
	AU 640151	B2	19930819		
	BR 9003422	A	19910827	BR 1990-3422	19900716
	JP 03148250	A2	19910625	JP 1990-187315	19900717
	US 5442039	A	19950815	US 1993-91459	19930713
	US 5428125	A	19950627	US 1994-261649	19940617
PRAI	US 1989-380938	A	19890717		
	US 1991-746527	B2	19910816		
	US 1992-907993	B1	19920702		

US 1992-908274 B1 19920702  
US 1993-91460 B1 19930713  
OS MARPAT 115:93211

L4 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:185239 CAPLUS

DN 114:185239

TI Diglycidyl ether

IN Nambu, Yoko; Endo, Takeshi; Abe, Keiji

PA Asahi Denka Kogyo K. K., Japan

SO Eur. Pat. Appl., 13 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 397317	A1	19901114	EP 1990-303512	19900402
	EP 397317	B1	19941005		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 02282375	A2	19901119	JP 1989-102374	19890421
PRAI	JP 1989-102374	A	19890421		
OS	MARPAT 114:185239				

L4 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:81251 CAPLUS

DN 114:81251

TI Dihydroxybenzophenone oximes, their preparation and rearrangement to the anilide

IN Puckett, Paul M.; Earls, Jimmy D.; Cavitt, Michael B.

PA Dow Chemical Co., USA

SO Eur. Pat. Appl., 10 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 379059	A1	19900725	EP 1990-100494	19900111
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	JP 02270849	A2	19901105	JP 1990-2664	19900111
	CA 2007806	AA	19900717	CA 1990-2007806	19900116
	NO 9000219	A	19900718	NO 1990-219	19900116
	AU 9048514	A1	19900726	AU 1990-48514	19900116
	BR 9000159	A	19901023	BR 1990-159	19900116
PRAI	US 1989-297894	A	19890117		
OS	MARPAT 114:81251				

L4 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1991:7784 CAPLUS

DN 114:7784

TI Mesogenic or rodlike moiety-containing epoxy compounds

IN Earls, Jimmy D.; Hefner, Robert E., Jr.; Puckett, Paul M.

PA Dow Chemical Co., USA

SO Eur. Pat. Appl., 45 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 379057	A2	19900725	EP 1990-100491	19900111

EP 379057 A3 19930317  
EP 379057 B1 20001206  
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE  
AT 197956 E 20001215 AT 1990-100491 19900111  
ES 2152206 T3 20010201 ES 1990-100491 19900111  
CA 2007798 AA 19900717 CA 1990-2007798 19900116  
AU 9048513 A1 19900726 AU 1990-48513 19900116  
AU 638690 B2 19930708  
BR 9000162 A 19901023 BR 1990-162 19900116  
JP 02275872 A2 19901109 JP 1990-4656 19900116  
JP 3099956 B2 20001016  
US 5266660 A 19931130 US 1992-916293 19920717  
US 5270404 A 19931214 US 1992-916305 19920717  
PRAI US 1989-298431 A 19890117  
US 1990-553491 B2 19900713  
US 1990-616538 B2 19901121

L4 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1984:175431 CAPLUS  
DN 100:175431  
TI Preparation and properties of thermotropic poly(amido esters)  
AU Makaruk, L.; Polanska, H.; Wazynska, B.  
CS Dep. Chem., Tech. Univ. Warsaw, Warsaw, Pol.  
SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (1983), 24(2), 260-1  
CODEN: ACPPAY; ISSN: 0032-3934  
DT Journal  
LA English

L4 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1981:550756 CAPLUS  
DN 95:150756  
TI Syntheses and reactions of (trimethylsiloxy)benzoyl chlorides  
AU Schwarz, Gerd; Alberts, Heinrich; Kricheldorf, Hans R.  
CS Inst. Makromol. Chem., Univ. Freiburg, Freiburg, D-7800, Fed. Rep. Ger.  
SO Liebigs Annalen der Chemie (1981), (7), 1257-70  
CODEN: LACHDL; ISSN: 0170-2041  
DT Journal  
LA English  
OS CASREACT 95:150756

L4 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1970:531331 CAPLUS  
DN 73:131331  
TI Preliminary evaluation of the chemical reactivity of bisphenols  
AU Bochvar, D. A.; Stankevich, I. V.; Vinogradova, S. V.; Korshak, V. V.;  
Vasnev, V. A.  
CS Inst. Elementoorg. Soedin., Moscow, USSR  
SO Doklady Akademii Nauk SSSR (1970), 194(1), 119-21 [Phys Chem]  
CODEN: DANKAS; ISSN: 0002-3264  
DT Journal  
LA Russian

L4 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1969:490822 CAPLUS  
DN 71:90822  
TI Stabilization of formalin  
IN Hattori, Kenichi; Yamatofuji, Sakura  
PA Kao Soap Co., Ltd.  
SO Jpn. Tokkyo Koho, 4 pp.  
CODEN: JAXXAD  
DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 44014326	B4	19690626	JP	19670913

=> s 12

L5 1 L2

=> d

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:427992 CAPLUS

DN 117:27992

TI Curable mixture of mesogenic epoxy resins and mesogenic polyamines and cured compositions

IN Earls, Jimmy D.; Hefner, Robert E., Jr.; Puckett, Paul M.

PA Dow Chemical Co., USA

SO Eur. Pat. Appl., 88 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 473935	A2	19920311	EP 1991-112654	19910727
EP 473935	A3	19920909		
R: AT, BE, CH, DE, FR, GB, IT, LI				
CA 2048377	AA	19920204	CA 1991-2048377	19910802
BR 9103407	A	19920505	BR 1991-3407	19910802
JP 04233934	A2	19920821	JP 1991-194425	19910802
US 5227452	A	19930713	US 1992-906088	19920629
PRAI US 1990-562182	A	19900803		

=> s 11

L6 2 L1

=> d 16 1-2

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1985:204580 CAPLUS

DN 102:204580

TI Preparation and properties of thermotropic poly(amido esters)

AU Makaruk, Leszek; Polanska, Hanna; Wazynska, Barbara

CS Dep. Chem., Tech. Univ. Warsaw, Warsaw, 00-662, Pol.

SO Polymer Science and Technology (Plenum) (1985), 28(Polym. Liq. Cryst.), 265-73

CODEN: POSTB5; ISSN: 0093-6286

DT Journal

LA English

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1984:175431 CAPLUS

DN 100:175431

TI Preparation and properties of thermotropic poly(amido esters)

AU Makaruk, L.; Polanska, H.; Wazynska, B.

CS Dep. Chem., Tech. Univ. Warsaw, Warsaw, Pol.

SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (1983), 24(2), 260-1

CODEN: ACPPAY; ISSN: 0032-3934

DT Journal  
LA English

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